

EAST Search History**EAST Search History (Prior Art)**

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	2	("5798746").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/06 09:23
S2	64	("4773738" "5091722" "5200846" "5225823" "5349366" "5424752" "5471225" "5479283" "5642129").PN. OR ("5798746").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 09:37
S3	34	("4773738" "5091722" "5200846" "5225823" "5349366" "5424752" "5471225" "5479283" "5600169" "5642129" "5712652" "5798746" "5828429" "5990629" "6023308" "6194837" "6259846" "6274887" "6392618").PN. OR ("6765549").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 09:47
S4	34	("4773738" "5091722" "5200846" "5225823" "5349366" "5424752" "5471225" "5479283" "5600169" "5642129" "5712652" "5798746" "5828429" "5990629" "6023308" "6194837" "6259846" "6274887" "6392618").PN. OR ("6765549").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 09:52

S5	11	("20020024485" "4870396" "5798746" "6225991" "6542139" "6614415").PN. OR ("6975298").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 09:54
S6	87	("20010005193" "20020000969" "20020003521" "20020018029" "20020021274" "20020021295" "20020024054" "20020024485" "20020036604" "20020039087" "20020041266" "20020057244" "20020089483" "20020113763" "20020130828" "20030067632" "20030071772" "20030098875" "20030103025" "20040164322" "20040183766" "20040222955" "4432610" "4752118" "4773738" "4996523" "5091722" "5125045" "5200846" "5225823" "5247190" "5339090" "5349366" "5424752" "5471225" "5479283" "5600169" "5608549" "5642129" "5673422" "5699078" "5712652" "5771031" "5793344" "5798746" "5854628" "5907313" "5945866" "5945972" "5959598" "5990629" "6115019" "6165824" "6246386" "6259846" "6274887" "6333737" "6344672" "6344843" "6356028" "6366026" "6384818" "6392618" "6441829" "6456267" "6535192"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 09:54

		"6545654" "6545708" "6549196" "6556176" "6563480" "6564237" "6630916" "6636194" "6670938" "6683596" "6731264" "6738054" "6747623" "6750836" "6765562" "6774876").PN. OR ("6992652").URPN.				
S7	74	("3824003" "3910681" "4112333" "4223308" "4233603" "4251136").PN. OR ("4432610").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 09:58
S8	78	("5471225").URPN.	USPAT	OR	ON	2010/05/06 10:15
S9	7504	(buffer or inverter or flip-flop or memory) with pixel and @py<"1996"	USPAT	OR	ON	2010/05/06 10:17
S10	0	(buffer or inverter or flip-flop or memory) near3 each near3 pixel and @py<"1996"	USPAT	OR	ON	2010/05/06 10:18
S11	4247	(buffer or inverter or flip-flop or memory) near3 pixel and @py<"1996"	USPAT	OR	ON	2010/05/06 10:18
S12	1331	(buffer or inverter or flip-flop or memory) near3 pixel and @py<"1996" and ("345"/\$.ccls. or "349"/ \$.ccls.)	USPAT	OR	ON	2010/05/06 10:18
S13	250	(buffer or inverter or flip-flop or memory) with within near3 pixel and @py<"1996" and ("345"/\$.ccls. or "349"/ \$.ccls.)	USPAT	OR	ON	2010/05/06 10:18
S14	254	(buffer or inverter or flip-flop or memory) with within near3 pixel and @py<"1996" and ("345"/\$.ccls. or "349"/ \$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 10:19

S15	2	("5325338").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/06 10:37
S16	0	(buffer or inverter or flip-flop or memory) and (p-channel or pmos) same inverter same pull-up and @py<"1996" and ("345"/\$.ccls. or "349"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:05
S17	368	(buffer or inverter or flip-flop or memory) and (p-channel or pmos) same inverter same pull-up and @py<"1996"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:05
S18	0	(buffer or flip-flop or memory) and (p-channel or pmos) same inverter same pull-up and @py<"1996" and ("345"/\$.ccls. or "349"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:12
S19	3	(buffer or flip-flop or memory) and (p-channel or pmos) same pull-up and @py<"1996" and ("345"/\$.ccls. or "349"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:12
S20	0	(cross near2 connected near3 inverter) and (p-channel or pmos) same pull-up and @py<"1996" and ("345"/\$.ccls. or "349"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:16
S21	0	(cross near2 connected near3 inverter) and (p-channel or pmos) and pull-up and @py<"1996" and ("345"/\$.ccls. or "349"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:16
S22	0	(cross-connected near3 inverter) and (p-channel or pmos) and pull-up and @py<"1996" and ("345"/\$.ccls. or "349"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:16

S23	1	(cross-connected near3 inverter) and (p-channel or pmos) and @py<"1996" and ("345"/\$.ccls. or "349"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:16
S24	0	(memory cell) same ((p-channel or pmos) and inverter and pull-up) and @py<"1996" and ("345"/\$.ccls. or "349"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:17
S25	21	(memory cell) same (inverter and pull-up) and @py<"1996" and ("345"/\$.ccls. or "349"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:17
S26	12	(memory cell) same (inverter and (buffer near2 amplifier)) and @py<"1996" and ("345"/\$.ccls. or "349"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:18
S27	18	(memory cell) same (inverter same (p-channel or pmos) same (n-channel or nmos)) and @py<"1996" and ("345"/\$.ccls. or "349"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:19
S28	14	("memory cell") same (inverter same (p-channel or pmos) same (n-channel or nmos)) and @py<"1996" and ("345"/\$.ccls. or "349"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:20
S29	1	("memory cell") same (inverter same (p-channel or pmos) same (n-channel or nmos)) and @py<"1996" and (365/49.11.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:23
S30	0	("memory cell") same (pull-up same (p-channel or pmos) same (n-channel or nmos)) and @py<"1996" and (365/49.11.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:24

S31	1	("memory cell") same (inverter and pull-up) and @py<"1996" and (365/49.11.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:24
S32	13	("memory cell") same (cross-coupled) and @py<"1996" and (365/49.11.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:25
S33	0	("memory cell") same (cross-connected) and @py<"1996" and (365/49.11.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:27
S34	1	("memory cell") same (inverter) same power and @py<"1996" and (365/49.11.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:27
S35	37	(power near2 (conserv \$3 or consumption)) same (inverter) and @py<"1996" and ("345"/\$.ccls. or "349"/\$.ccls.)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/05/06 11:28
S36	44	("3025411" "3480796" "3712995" "3806773" "3823330" "3896430" "3987337" "4064405" "4070600" "4253035" "4284905" "4311922").PN. OR ("4384287").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 11:32
S37	16	("alternating current" or AC) near2 common and "345"/\$.ccls. and @py<"1996"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 12:35
S38	18	("alternating current" or AC) near3 common and "345"/\$.ccls. and @py<"1996" not S37	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 12:37
S39	16	("alternating current" or AC) near2 common and "345"/\$.ccls. and @py<"1996"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 13:48

S40	31	("alternating current" or AC) near3 opposite and "345"/\$.ccls. and @py<"1996" not S39	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 13:48
S41	0	("alternating current" or AC) near3 modulating near2 layer and "345"/\$.ccls. and @py<"1996" not S39	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 13:53
S42	2	("5196839").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/06 13:59
S43	1	(deterioration or deteriorat\$3) near3 (lc or "liquid crystal")same (zero or "0") near2 volts and "345"/\$.ccls. and @py<"1996" not S39	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:18
S44	524	"common electrode" and "345"/\$.ccls. and @py<"1996" not S39	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:22
S45	13	(deterioration or deteriorat\$3) near3 (lc or "liquid crystal")same (backplane or "common electrode") and "345"/\$.ccls. and @py<"1996" not S39	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:23
S46	2	"active matrix" and (ac or "a.c.") near4 (backplane or "common electrode") and "345"/\$.ccls. and @py<"1996"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:38
S47	1	"active matrix" and ("alternating current") near4 (backplane or "common electrode") and "345"/\$.ccls. and @py<"1997"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:42
S48	19	("4062626" "4319237" "4803480" "4818077" "4823126" "4922240" "5194974").PN. OR ("5448384").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:43

S49	14	(deterioration or deteriorat\$3) near3 (lc or "liquid crystal")same (backplane or "common electrode") and "345"/\$.ccls. and @py< "1996"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 14:49
S50	17	(deterioration or deteriorat\$3) near3 (lc or "liquid crystal")same (backplane or "common electrode") and "345"/\$.ccls. and @py< "1997"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 15:00
S51	20	(deterioration or deteriorat\$3 or degrad \$3 or degradation) near3 (lc or "liquid crystal")same (backplane or "common electrode") and "345"/\$.ccls. and @py< "1997"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 15:01
S52	3	(degrad\$3 or degradation) near3 (lc or "liquid crystal")same (backplane or "common electrode") and "345"/\$.ccls. and @py< "1997"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 15:01
S53	27	("4760387" "4779083" "4827255" "4921334" "5059962" "5059963" "5122783" "5155478" "5222212" "5266940").PN. OR ("5552800").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 15:05
S54	2	(degrad\$3 or degradation) near3 (lc or "liquid crystal")same (vcome or "v.sub.com") and "345"/\$.ccls. and @py< "1997"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 15:07
S55	3	(degrad\$3 or degradation) near3 (lc or "liquid crystal")same (vcom or "v.sub.com") and "345"/\$.ccls. and @py< "1997"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 15:07

S56	3	(degrad\$3 or degradation) near3 (lc or "liquid crystal")same (vcom or "v.sub.com") and ("345"/\$.ccls. or "349"/\$.ccls.) and @py< "1997"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 15:11
S57	12	(AC or "alternating current")same (vcom or "v.sub.com") and ("345"/\$.ccls. or "349"/\$.ccls.) and @py< "1997"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 15:18
S58	66	(AC or "alternating current")same (opposite near2 electrode) and ("345"/\$.ccls. or "349"/\$.ccls.) and @py< "1997"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 15:25
S59	7	(AC or "alternating current")same (opposite near2 electrode) same ("0" or zero) and ("345"/\$.ccls. or "349"/\$.ccls.) and @py< "1997"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 15:25
S60	3	("4342994").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2010/05/06 15:58
S61	0	(vdata or "v.sub.data" or "signal voltage") near3 (equal or "same") near3 (vcom or "v.sub.com") and "345"/\$.ccls. and @py< "1997"	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/06 17:13

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